

CLAIMS

1 1. A method for stabilizing a composition including hydrocortisone 17-
2 butyrate therein, said method comprising the step of:
3 adding an omega-3 acid to said composition.

1 2. The method of claim 1, wherein said step of adding an omega-3 acid
2 comprises adding linoleic acid to said composition.

1 3. The method of claim 1, wherein said step of adding an omega-3 acid to
2 said composition comprises adding safflower oil to said composition.

1 4. The method of claim 1, wherein the step of adding an omega-3 acid
2 further comprises adding said acid in an amount at least equimolar to a quantity of
3 said hydrocortisone 17-butyrate.

1 5. The method of claim 4, wherein said amount of acid is substantially
2 greater than said quantity of hydrocortisone 17-butyrate.

1 6. A method for inhibiting the isomerization of hydrocortisone
2 17-butyrate to hydrocortisone 21-butyrate, said method comprising the step of:

3 disposing said hydrocortisone 17-butyrate in a composition which includes an
4 omega-3 acid therein.

1 7. The method of claim 6, wherein the step of disposing said omega-3
2 acid comprises disposing linoleic acid.

1 8. The method of claim 6, wherein the step of disposing said omega-3
2 acid comprises disposing omega-3 acid as a component of safflower oil.

1 9. The method of claim 6, wherein the step of adding an omega-3 acid
2 further comprises adding said acid in an amount at least equimolar to a quantity of
3 said hydrocortisone 17-butyrate.

1 10. The method of claim 6, wherein said amount of acid is substantially
2 greater than said quantity of hydrocortisone 17-butyrate.

1 11. A method for stabilizing a hydrocortisone compound having an ester
2 linkage at the 17 position, said method comprising the step of:
3 disposing said hydrocortisone compound in a composition which includes an
4 omega-3 acid therein.

1 12. The method of claim 11, wherein the step of disposing said omega-3
2 acid comprises disposing linoleic acid.

1 13. The method of claim 11, wherein the step of disposing said omega-3
2 acid comprises adding omega-3 acid as a component of safflower oil which is present
3 in said composition.

1 14. The method of claim 13, wherein the step of adding an omega-3 acid
2 further comprises adding said acid in an amount at least equimolar to a quantity of
3 said hydrocortisone 17-butyrate.

1 15. The method of claim 13, wherein said amount of acid is substantially
2 greater than said quantity of hydrocortisone 17-butyrate.

1 16. In a composition which includes hydrocortisone 17-butyrate therein,
2 the improvement comprising in composition:
3 said composition having an omega-3 acid therein in an amount sufficient to
4 stabilize said hydrocortisone 17-butyrate.

1 17. A method for stabilizing a composition including a 17-substituted
2 hydrocortisone, said method comprising the step of:

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3 adding an omega-3 acid to said composition.

1 18. The method of claim 17, wherein said 17-substituted hydrocortisone is
2 a hydrocortisone ester.